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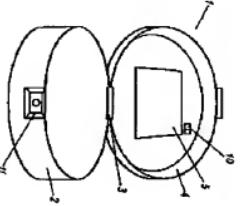
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(5a) PORTABLE CASE PROVIDED WITH LIGHT SOURCE

PROBLEM TO BE SOLVED: To provide a portable case provided with a light source by which a user is able to look the inside of a bag, a spot for writing on a memo pad, and the face reflected in a mirror during a makeup shown, in a place of a low illuminance, for example, in the outdoor at night, at the seat in the conference using OHP, and in a car driving at night.

SOLUTION: A case 1 is composed of a case main body 2 and an upper cover 4 mounted on the case main body 2 through a hinge 3 so as to open and close freely. A light source unit 10 is built into the inner surface of the upper cover 4, which is composed of a diffusion panel 5, a light source composed of a cold cathode fluorescent lamp disposed backward the diffusion panel 5, an reflection mirror covered with a reflection sheet made of an aluminum thin plate arranged backward the light source, a circuit substrate for turning on a light source, a power supply and switching means 10.



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CLAIMS

[Claim(s)]

[Claim 1] The portable container which has the light source characterized by having had a body

of a container, and the top-cover section attached in this body of a container free [closing

motion], and equipping the inside of said top-cover section with the light source.

[Claim 2] The portable container which has the light source according to claim 1 characterized

by having a mirror near said light source.

[Claim 3] Said mirror is a portable container which has the light source according to claim 2

characterized by establishing said light source caused.

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001] [Field of the Invention]

[0002] [Description of the Prior Art] When using the hand conventionally written down on the interior of a bag, and a memo pad into a dark location, i.e., the place where an illuminance is low, for example, the outdoors of night, and the seat of a meeting and the vehicle of Nighttime using OHP, and a portable cosmetics container, an object is dark and could not appear easily. For this reason, in order to see those objects, it needed to move to the bright position where an illuminance is high or the light source need to be prepared independently.

[0003] [Means for Solving the Problem] This invention aims at obtaining the portable container which has the light source which can see the interior of a bag and the face at the time of the makeup reflected to the hand written down on a memo pad, and a mirror also in the place where an illuminance is low, for example, the outdoors of night, and the seat of a meeting and the vehicle at night using OHP.

[0004] [Means for Solving the Problem] The portable container which has the light source of this invention has the configuration which was equipped with the body of a container, and the top-cover section attached in this body of a container free [closing motion] and equipped the inside of said top-cover section with the light source.

[0005] [Therefore, an object can be illuminated also in the place where an illuminance is low.

[0006] [Embodiment of the Invention] It explains referring to a drawing about the gestalt of operation of this invention.

[0007] The bag with which the portable container which has the light source which is the gestalt of operation of the 1st of this invention as shown in drawing 1 consists of a container 1, for example, resin, or thick leather consists of a body 2 of a container, and the top-cover section 4 attached in body 2 of a container free [closing motion] through the hinge 3. The light source unit which consists of the light source 6 which becomes the inside of the top-cover section 4 from the cathode fluorescent lamp formed behind the diffusion panel 5 of the top-cover section 4.

[0008] By opening the rule implemented 11 of a base and switching the section 10 of the top-cover section 4, for example, a side type, the portable container which has such the light source can make the light source 6 able to turn on, and can illuminate the interior of the

body 2 of a container of a bag.

[0009] In addition, the rechargeable lithium-ion battery which is used as an AC power and in which the count charge of plurality is possible is exchangeable as a power source 9 by removing the diffusion panel 5, the light source 6, and a reflecting mirror 7.

[0010] The interior of the container 1, such as a bag, can be seen in the place where an illuminance is low, without preparing the light source independently according to the gestalt of operation of the 1st of this invention, as mentioned above, since the light source 6 is established by the inside of the top-cover section 4 of the bag which is a container 1.

[0011] Next, the portable container which has the light source which is the gestalt of operation is explained. The portable container which has the light source which is the gestalt of operation of the 2nd of this invention as shown in drawing 4. The diffusion panel 5 of this operation is made from the unit which consists of the reflecting mirror 7 which stuck the reflective sheet which consists of aluminum sheet metal formed behind this diffusion panel. The light source 6 which consists of a cold cathode fluorescent lamp formed behind the diffusion panel 5, the light source unit which consists of aluminum sheet metal formed behind the diffusion panel 5, the light source 6, and a reflecting mirror 7.

[0012] Like the gestalt of implementation of the above 1st, by switching on the switching means 10 of the top-cover section 4, for example, a side type, the light source 6 can be made to be able to turn on and the body 2 of a container can be illuminated.

[0013] In addition, the fastener 11 which has the metallic ornaments which can be opened and closed by six places can be formed, the body 2 of a container can be equipped with two or more sheets of form 12 with six holes and it can be used for it as a memo pad. 13 can be used as a storage, for example, can contain a card and writing materials. When the top-cover section 4 is closed, the space 14 which contains a form 12 is established in the inside of the top-cover section 4. Moreover, the rechargeable lithium-ion battery which is used as a power source 9, for example, an AC power, and in which the count charge of plurality is possible is exchangeable by forming output port 15.

[0014] Although the light is made to switch on with fixed brightness by the switching means 10, the modulated light means whose light is made to modulate manually may be used for this operation gestalt with the illumination of a perimeter environment. Moreover, although the rechargeable lithium-ion battery which is used as an AC power, and in which the count charge of plurality is possible was used as a power source 9, a DC power supply may be used through an AC/DC adapter.

[0015] As mentioned above, according to the gestalt of operation of the 2nd of this invention, the hand written down on a memo pad etc. can be seen even in the place where an illuminance is low by forming the light source 6 in the inside of the top-cover section 4.

[0016] Next, the pocket container which has the light source which is the gestalt of the 3rd operation is explained. As shown in drawing 5, the portable container which has the light source which is the gestalt of operation of the 3rd of this invention To the inside of the top-cover section 4 attached in the body 2 of a container free [closing motion] through the hinge 3 like the gestalt of each above-mentioned implementation, the light source 6 which consists of a cold cathode fluorescent lamp formed behind the diffusion panel 5 of the reflective sheet which consists of acrylic, and this diffusion panel 5 as shown in drawing 2. The light source unit which consists of the reflecting mirror 7 which stuck the reflective sheet which consists of aluminum sheet metal formed behind this light source 6, the circuit board 8 for making the light source 6 as shown in drawing 3 turn on, a power source 9, and a switching means 10 is incorporated. Moreover, it has a diffusion panel 5 on a power source 9, and a switching means 10 is incorporated. Moreover, it has the mirror 16 near the light source 6.

[0017] In addition, it is built in the front face of the inside of the top-cover section 4 so that the diffusion panel 5 of this light source unit may be located.

[0018] Like each above-mentioned operation gestalt, by switching on the switching means 10 of

the top-cover section 4, for example, a slide type, the light source 6 can be made to turn on, and by such configuration, since the face of a person with the body 2 of a container can be irradiated, a mirror 16 can be used also in a dark location.

[0019] In addition, also in the dark location where an illuminance is low, it can make up by arranging foundations, for example, a lip stick etc. such as a makeup supply, on the body 2 of a container.

[0020] By forming output port 15, the rechargeable lithium-ion battery which is used as a power source 9, for example, an AC power, and in which the count, charge of plurality is possible can be taken out and exchanged. Moreover, a makeup supply etc. can be removed and exchanged.

[0021] As a result of examining the conspicuosity of the mirror 16 at the time of light source lighting, what has arranged the light source 6 was the optimal above the mirror 16 among the upper part of a mirror 16, the lower part, the method of the right, and the left.

[0022] With each above-mentioned operation gestalt, although the manual switch was used as a switch means 10, when a container 1 is opened, it is automatic and the light is switched on, and when it closes, a switch which is switched off automatically may be used. Moreover, when a container is opened, in case a perimeter environment has an illuminance more than fixed, a switch with an illuminance sensor function which is not turned on may be used.

[0023] With this operation gestalt, although the makeup supply etc. was used for the body 2 of a container, a contact lens etc. may be contained.

[0024] Although the rechargeable lithium-ion battery which is a power source 9 was made more nearly rechargeable than output port 15 with this operation gestalt, where this rechargeable battery is built in a container 1, it may instal in the battery charger of dedication and it may be charged.

[0025] As mentioned above, according to the gestalt of operation of the body of this invention, it can make up even in the place where an illuminance is low by forming a mirror 16 near the light source 6 of the top-cover section 4.

[0026] With each above-mentioned operation gestalt, although the top-cover section 4 was equipped with the circuit board 8, the power source 9, and the circuit part of a switching means 10, you may build in the body 2 side of a container. In this case, the sensor of stability of a container 1 is acquired. Moreover, the light sources, such as an electric bulb and LED, may be used as the light source 6.

[0027]

[Effect of the Invention] The portable container which has the light source of this invention as mentioned above can illuminate an object even in the place where an illuminance is low by having the configuration which equated with the light source the inside of the top-cover section of the container attached thereto [closing motor]. Moreover, the face at the time of the makeup reflected to a mirror even in the place where an illuminance is low can be seen.

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] The perspective view at the time of opening of a portable container which has the light source which is the gestalt of operation of the 1st of this invention.

[Drawing 2] Similarly it is the decomposition perspective view of a light source part.

[Drawing 3] Drawing showing the outline of a circuit similarly

[Drawing 4] The perspective view at the time of opening of a portable container which has the light source which is the gestalt of operation of the 2nd of this invention.

[Drawing 5] The perspective view at the time of opening of a portable container which has the light source which is the gestalt of operation of the 3rd of this invention

[Description of Notations]

- 1 Container
- 2 Body of Container
- 3 Hinge
- 4 Top-Cover Section
- 5 Diffusion Panel
- 6 Light Source
- 7 Reflecting Mirror
- 8 Circuit Board
- 9 Power Source
- 10 Switching Means
- 11 Mirror

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ノットページの記述

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